

a sensor disposed adjacent said rotor for carrying magnetically produced electrical pulses;

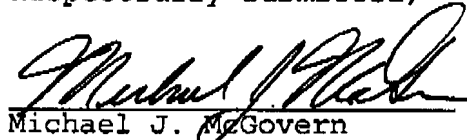
two magnets disposed adjacent said sensor to produce magnetic fields of opposite polarity along the path of travel for the plurality of magnetically switchable elements; and

wherein as said rotor is rotated, said two magnets cause each of said magnetic elements to be magnetically switched through the four magnetic states to produce two electrical pulses in the sensor for each of the magnetic elements for each revolution of the rotor.

Remarks

A clean copy of amended claim 1 is submitted herewith.

Respectfully submitted,



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